

The Blurb

A Publication of

THE PHIL-MONT MOBILE RADIO CLUB, INC.

c/o 641 KISMET ROAD, PHILADELPHIA, PA 19115-1114



JACK HARING

VIRGINIA HARING - W3IIN

2113 Edgehill Drive

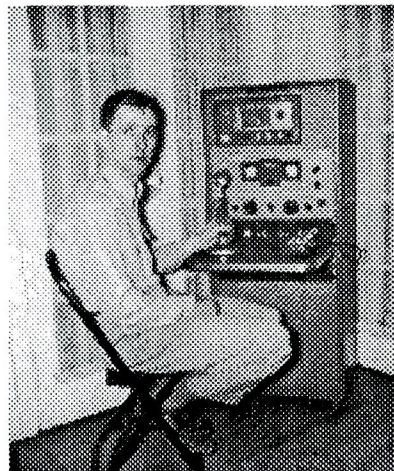
Furlong PA 18925-1101

W3IIM

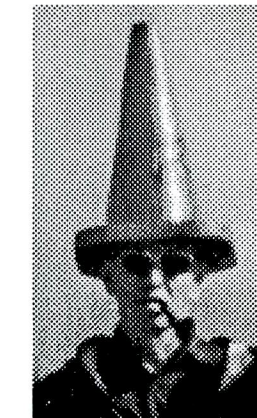
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SEE PAGE 22

FIRST CLASS MAIL



General Meeting Program:
W3BBB tells all about our repeat-
er systems, past and future.

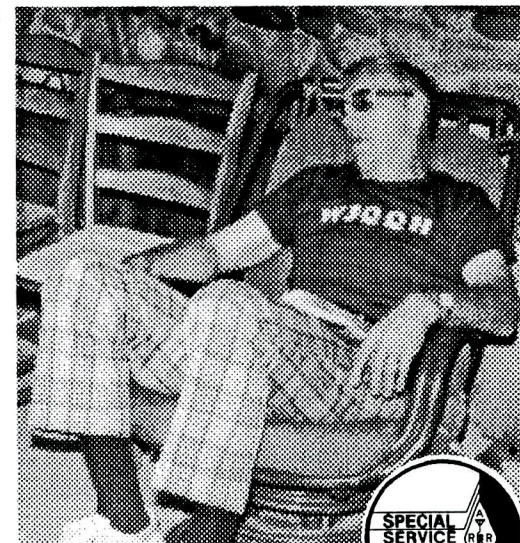


The Blurb

June 1997



Our Founder, in Action!



Public Service Since 1949



VOLUME 47

is published monthly by, and for, the members of **The PHIL-MONT MOBILE RADIO CLUB, INC.** whose purpose is to promote Amateur Radio in general, and Mobile Radio in particular. Copying and quoting is permitted with a credit line. We gladly exchange publications with other amateur radio clubs; requests should be sent to the Editor. Subscriptions are available to nonmembers for \$10 addressed to the Treasurer. The club meets at 7:30 p.m. on the *second* non-holiday Wednesday of every month at **The Franklin Institute Science Museum**, Benjamin Franklin Parkway at 20th Street, Philadelphia. Enter from Winter Street or the parking garage on 21st street. **ALL VISITORS ARE WELCOME!**

Amateur Radio License Examinations are held on the *first* non-holiday Thursday of every month at The Franklin Institute Science Museum—doors close at 6:30 p.m.—**SHARP!**

CLUB INFORMATION

Mailing address: P.O. Box 88, Abington, PA 19001

Internet Web site: <http://www.comcat.com/pmrc>

E-mail: pmrc@comcat.com

2-meter repeater: 147.03 MHz (Main site Roxborough receiver requires no PL, but outputs 91.5 Hz.)

Additional off-site receivers require the following subaudible tones:

Southampton 131.8 Hz—**Center City** 103.5 Hz—**Lansdale** 114.8 Hz—**Broomall** 85.4 Hz

70cm repeater: 444.80 MHz (186.2 Hz PL)

Simplex: 147.51 MHz

24-hour club information at W3AA: 215-448-1139

STATIONS

W3QV - 147.03 MHz repeater - 8200 Ridge Avenue, Philadelphia, PA - Trustee W3BBB

W3EM - Field Day and special events station - Trustee W3VVS

W3AA - (Formerly W3TKQ) The Franklin Institute Science Museum, Philadelphia, PA - Trustee WU3I
The club sponsors this world-class demonstration station, and welcomes all licensed amateurs to operate it.

W3AA packet BBS frequency: 144.99 MHz: w3aa@w3aa.#sepa.pa.usa.noam

W3AA e-mail: w3aa@fi.edu

OFFICERS

PRESIDENT: W3CH, Russ Stafford, RD-1 Box 426, New Castle, DE 19720 610-497-4590

russ@hdj.com—w3ch@w3ch.#sepa.pa.usa.noam

VICE PRESIDENT: W3GQD, Bill Chedeville, 1365 Mark Drive, West Chester, PA 19380 610-431-3498

billch1@juno.com

SECRETARY: N3PVO, Carol Sebzda, 761 North Hills Avenue, Ardsley, PA 19038 215-884-5518

csebzda@juno.com

TREASURER: K2BN, Mike Tannenbaum, 545 Cardinal Drive, Dresher, PA 19025 215-542-5991

k2bn@agtannenbaum.com

DIRECTORS

W3BBB (98); WU3I (98); W3RM (98); AA3EP (97); K3GNM (97); K3KUD (97); KB3IV (A)

COMMITTEES

Archives: W3IIN
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TVI: W3VVS
VE Program: ND3Q
W3AA: KB3IV
Welcome: N3PDO
Youth: KB2SVG+N3XKW

Blurb STAFF

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w3iim@chmc.com

Artist: N3QIE (474th issue)

Labels: WB3KOJ

DEADLINE: To be assured of publication in the current month, all copy MUST be in the hands of the Editor at the General Meeting!

NET SCHEDULE

Day	Time	Freq	Mode	Net Name
SUNDAY	09:30	147.030	MHz FM	"SUNDAY MORNING 2 METER NET"
	10:00	28.993	MHz SSB	"10-ON-10 NET"
	10:20	3.993	MHz SSB	75 METER NET
TUESDAY	20:00	147.030	MHz FM	CW PRACTICE NET RETURNS IN SEPTEMBER
LAST WED	20:00	147.030	MHz FM	W3AA OPERATORS' NET
THURSDAY	20:00	147.030	MHz FM	"TWIN TOWERS" YOUTH NET

NUMBER 6

JUNE BIRTHDAYS

- 03 Sandy Lewis (XYL N3DGU)
Stephie Weigand - N3POJ
Bob Whelan - KB2GAJ
- 04 Dick Moll - W3RM
Sue Sadwin - N2CYA
- 06 Chuck Hillman - K3QLY
- 10 Thomas Maresca (OM K3YPH)
- 11 Bob Cloud - K3HD*
Wally Newell - W3UK
Marc Zaharchuk - WA3CRM
- 12 Paul Bergsman - N3PSO
Miriam Elmaleh - K3UJI (XYL K3HIJ)
- 13 Scott O'Donnell - N3SQA
- 14 Larry Potts - N2MAW
- 18 George Dowdall - K2MLJ*
- 19 Marie Rhoads (XYL ND3Q)
- 21 Jim Rorick - N3GEN
- 23 Temple Rykaczewski (XYL W3ALM)
- 28 Betsy Reichert - N3EBE
- 30 Alex Conshick - WB3ERB
Mike Lenczynski - KA3EIP
Mary Kane (XYL N3OOL)

*Indicates new member 1996-97



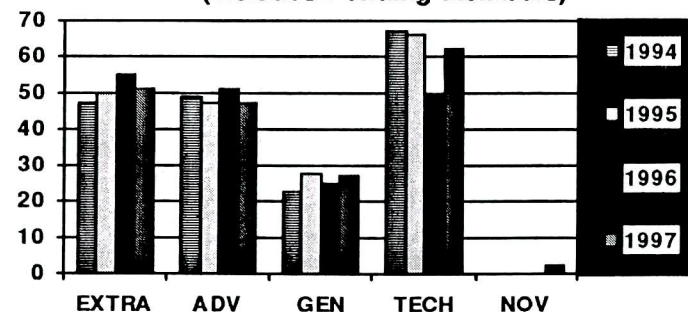
HELP PHIL-MONT

Are you planning to join ARRL or renew your current membership? Help P.M.R.C. by joining or renewing through the club... contact Mike Tannenbaum - K2BN, for details.

MEMBERSHIP STATS.

156	FULL
18	FAMILY
11	YOUTH
3	HONORARY
4	PENDING
192	

PMRC Membership by License Class
(Includes Pending Members)

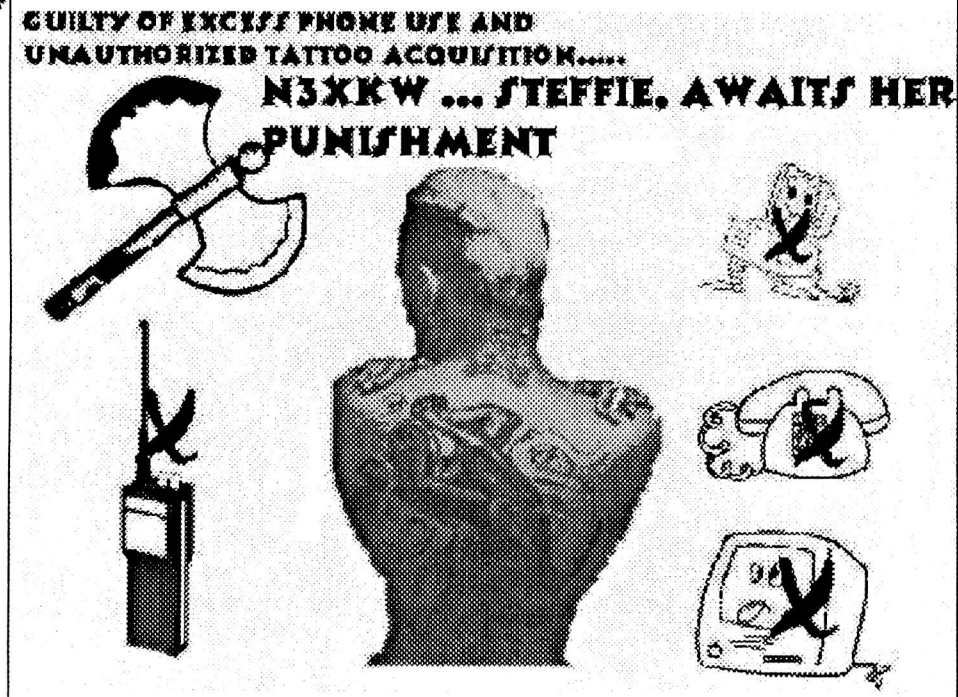


"DON'T TAILGATE... WAIT"—for the courtesy 🚗!

Donald's Other Page



I DON'T GET MAD...
I GET EVEN!!



The PREZ SEZ

Russ Stafford, W3CH



Summer has gotten here a little cold and rainy, but here nevertheless! It's time to roll up our sleeves and, besides the yard work, there are a few things that need to be done for, and with, our radio club.

First, I have noted that there are just not many folks signed up with Chris (N3IEI) and Dick (W3RM). Since field day is THIS MONTH, and we would like to make a good showing as a club, sign up today—yes right away!

Second, regarding our club's fundraiser, the raffle of an H.T., as of this writing, we still have 100 tickets remaining! We need to sell them! Please contact me, or mail-in your \$10 per ticket to the club at P.O. Box 88, Abington, PA 19001. We will mail back the stub. The drawing will be held at the June General Meeting, so there is very little time to sell the last 100 tickets. The funds we raise will be used to offset the cost of the club picnic, and whatever is leftover will go toward the move of our repeater.

The agreements with the city have all been signed, and we may now move our repeater system to their tower. BUT, we will need a whole lot of money for the move. We will need about 600' of new 7/8" hardline, Station Masters—one two-meter, and one 440, a new antenna for the new voting inputs (they will move to their own frequencies), not to mention lots of hardware. We also will have to pay a rigging company to climb the tower and install the new system. This all means real money!! Our rough estimate is in the \$5,000 range. We will, of course, have a real first-rate repeater system. We are not trying for more range, but we would like to saturate the area that we want to cover, so you will

hear much better than you can right now. This move is a high priority with the club, as well as very costly!

This month the forms will be going out for the MS-150 City-To-Shore Bike Tour. If you ever helped out, you should be on the mailing list, and will receive a form. Please fill it out and get it in early! This helps us with all the stuff that needs to be done before the event. Once again, we will be asking for sponsors for the tee shirts. As you may or may not know, we pay for the shirts from donations. If you want to be a ham "super booster," and have your call on all the ham volunteer tee shirts as a "super booster" it will cost \$10. If you would like your club logo on all the shirts (PMRC did it last year) it is \$50. If you would like your company logo it is \$100. You will have to call me before August 1st to be on this year's tee shirts.

I'm sure you all know that I'm behind the event 100%, as I have been for better than 15 years. The M.S. folks will tell you plain and simply that they could not, and would not have this event without the very hard work of the more than 140 hams who run the route, and move well over 3,000 riders over this two-day event in September each year. I understand that our PMRC Youth committee will try to staff more of our support vehicles this year (i.e., buses, ambulances, and repair trucks). This is a good thing, as it frees up more of the older hams for checkpoints along the route. We will be, once again, staying at the Days Inn right on the Boardwalk. If you will be staying overnight PLEASE get your forms back very soon. Since we will not be having General Meetings in July or August, Charlie (AA3EP) will have all

Continued on page 21.

UPCOMING

- June 4 Directors' Meeting at AA3EP's
- June 5 License Examinations at The Franklin Institute
- June 11 **PMRC's Repeaters**
Jim Spencer, W3BBB
~~~
- July **No General Meeting**
- July 2 Directors' Meeting at W3CH & N3WCO's
- June 3 License Examinations at The Franklin Institute  
~~~
- August **No General Meeting**
- Future Programs**
- Sept "The SPRINT PCS (Personal Communication Systems) Network"
- Nov Ol' Timer's Night with Derrick Pitts, KA3NQN, Chief Astronomer at The Franklin Institute

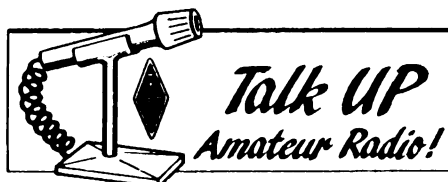
HAMFESTS

- July 13 KIMBERTON, PA
MARC's "Valley Forge Hamfest"
- July 27 TIMONIUM, MD
BRATS
- Aug 16-17 YORK, PA
York Hamfest
- Aug 24 MULLICA HILL, NJ
Gloucester Co. ARC
- Sep 14 TRENTON, NJ
Delaware Valley RA
- Sep 20 MT. HOLLY, NJ
South Jersey RA

V.E. TEST LOCATIONS

Confirm all information, in advance, with the contact person. Licensed applicants must bring the original, and one photocopy of their license. All applicants, including children, must two means of positive ID. Also bring the original, and a copy, of any Certificate of Successful Completion needed to prove current status. The ARRL VEC's 1997 test fee is \$6.25; there is no charge for a Novice test.

- **THE FRANKLIN INSTITUTE**
Monthly, 1st Thursday—Dusty Rhoads, ND3Q
215- 879-0505 day, 215- 448-1139 24-hours
- **BELLMAWR, NJ**
Diane Nafis
609-227-6281
- **BRISTOL**
George LeNoir
215-943-4886
- **LINWOOD, PA**—(Commercial & Amateur Exams.)
Russ Stafford, W3CH
610-497-4590
- **NORRISTOWN**
Raymond Patton
610-279-1897
- **TELFORD**
Joseph Burgess
215-723-6697
- **UNIVERSITY OF PA**
Jeff DePolo
215- 898-8538 shack, 215-337-7383 home
- **WARMINSTER**
Tom Michaud, WA3TQJ
(215) 343-3494
- **WILMINGTON**
Giselle Walls
302-478-2757



PUBLIC SERVICE EVENTS

Charlie Weigand, AA3EP 610-323-1050
aa3ep@aol.com
Russ Stafford, russ@hdj.com

June 15 CoreStates Bike Race
Sept 27-28 .. M.S. 150 City to Shore Bike Tour

Our Biggest Public Service Event Is Right Around The Corner.

Charlie Weigand, AA3EP

The M.S. 150 City to Shore Bike Tour is right around the corner in September. I know it seems like a very long time away, but it really is not. It takes a whole lot of time behind the scenes to get 140 plus hams placed along the route, reserve motel rooms and so on. You can help by signing up early!

As we all know, this is why we have ham radio. PUBLIC SERVICE! When someone wants to take band space away, we all start yelling about what we do! Well it's time to do it! We all need to get up off of our lazy butts, and do at least one public service event each year. And this is a good one to do! You say you're new, and do not know what to do? Well, get with Russ or me, and we will explain it all to you, and help with whatever you need. It's hard work yes, but it is also a lot of fun. And believe me when I say the feeling you get when about 3000 plus riders ride by and tell you "thank you" is like walking on air.

So the bottom line is: let's fight the little LEOs where it hurts! We need the public on our side. Come out and help for a few hours, all day, or all weekend... we need your help.

The new 1997 Bike Tour sign-up sheets will be mailed-out this month. If you are not on the mailing list, see me for a form. Please fill them out and get them right back in! ☺

Continued from page 3.

of the paperwork for the event at the June meeting.

Oh yes, don't forget the Prez membership award. The person who brings in the most new members will have their dues paid, and receive a nice plaque for the shack wall. Right now Steffie (N3XKW) is in 1st place, with Mike (KE7YE) in 2nd place.

Have you checked into the Youth net yet? Show a little support, check-in on Thursday night at 20:00 hours. ☺



MEMBERSHIP APPLICATIONS

- CALL:** K3YLB
- NAME:** Abel Pasicznyk
- HANDLE:** Abel
- CLASS:** General
- ADDRESS:** 2347 Fairmont Avenue
Philadelphia, PA
10130
- OCCUPATION:** Contractor
- HOME PHONE:** 215-765-0517
- BUSINESS PHONE:**
- E-MAIL:**
- PACKET:**
- COMMITTEES:** *Blurb*, Program
- CALL:** N3YRU
- NAME:** Anthony Adams
- HANDLE:**
- CLASS:** Technician
- ADDRESS:** 9258 Lansford Street
Philadelphia, PA
19114-3615
- OCCUPATION:** Fire-Service Paramedic
- HOME PHONE:** 215-677-3729
- BUSINESS PHONE:** 215-686-1313
- E-MAIL:**
- PACKET:**
- COMMITTEES:** Repeater, Emergency

- CALL:** N3YXZ
- NAME:** Eric Marano
- HANDLE:** Eric
- CLASS:** Technician Plus
- ADDRESS:** 2382 Schlosser Road
Harleysville, PA
19438
- OCCUPATION:** Student
- HOME PHONE:** 610-584-1077
- BUSINESS PHONE:**
- E-MAIL:**
- PACKET:**
- COMMITTEES:** Youth

Continued from page 17.

The FCC also adopted a Universal Service policy that will spend up to \$2.25 billion each year to provide schools, libraries and rural health care facilities with discounts of 20 to 90 percent on the cost of their Internet access.

At the same time, the Commission imposed new fees on residences and businesses that have more than one telephone line. By January 1 of 1998, new fees of up to \$2.50 per additional line per month for residential lines and up to \$3.50 per line per month for businesses will be in effect, and will increase further each year thereafter.

Only a small percentage of the increase will be used to fund Universal Service.

The fees mean that an ISP with 200 telephone lines will pay an additional \$8,400 per year in basic line charges for telephone

service.

The fees were a substantial improvement over the increases first proposed, but still represent a heavy financial burden that will be felt by online and Internet services. The current competitive environment will prevent most of these services from passing the costs on to subscribers.

The result is likely to be a chilling effect on this industry, as the additional costs force some ISPs out of business and limit the ability of others to invest in the necessary upgrades and infrastructure improvements to grow.

The FCC decisions are likely to be appealed, and may not represent the final chapter in the question of fees. However, with this phase of the process completed we would ask AOP members to discontinue e-mail messages to the FCC Commissioners. ☺



MINUTES

MAY DIRECTORS' MEETING

Carol Sebzda, N3PVO, Secretary

The May Directors' meeting was opened at 8:06 pm by Russ (W3CH). The following committees reported.

TREASURER - Mike (K2BN) reported that the good news is that the club is ahead of budget overall. The bad news is we are lagging behind in receipts from dues. We are gaining additional receipts from the sale of diskettes. The expenditures for the *Blur* are down from last year due to some changes in the process. Receipts totaled \$444.50 with \$182.74 in total disbursements, with a net change in funds of \$261.76 for the month.

SECRETARY - Carol (N3PVO) reported that the thank-you letter to Kenwood, for their donation of the TS 570S to W3AA, was signed and ready to be mailed.

W3AA - Steve (WU3I) reported that on Tuesday morning, May 6th, at 4 am, a new phone system was installed at The Franklin Institute. Basically the system is the same when calling W3AA, with a few new options. You can now replay a message, or select another message to listen to, giving you the option of listening to all five messages with one phone call. Picking up mail is a little different than before. Instructions on using the new system would be posted at the station.

MEMBERSHIP - Russ (W3CH) reported six new applicants to vote on. Janine Johnson (KB3AXQ), Monica

Johnson (KA3OCI), Dave Stafford (KE3LK), John Paulson (N3VIF), Holly Paulson (KA3MSJ), and Robert Meyhoefer (N3YRA). A motion was made and approved to accept the applicants for membership. Welcome to all.

OLD BUSINESS - Russ (W3CH) reported that raffle tickets are still available for the Yeasu FT-50R dual-band hand-held transceiver. Sale of the tickets has been going a little slowly. The type of picnic the club will hold depends on the revenue from the sale of the raffle tickets. More details on the picnic will be available next month. The agreement has been signed with the city for tower space. A lengthy discussion was held on what height we would like to be at, what material will be needed, and most importantly the cost involved. More studies and discussions are needed. Hopefully enough information to make some good solid decisions will be ready by the next Directors' meeting. The general feeling is "do it right."

NEW BUSINESS - Dick (W3RM) reported that the Reading Radio Club has a swap & shop net on Tuesday evenings at 20:00 on 146.910, for anyone interested in tuning in.

With no more business to discuss the meeting was closed at 8:06 pm by Russ (W3CH). A special thanks to Perry (N3AXJ) and his wife Marion for hosting the meeting. ☺

MINUTES

Carol Sebzda, N3PVO, Secretary

The 567th General Meeting was called to order at 7:48 ½ pm by Russ (W3CH). A motion was made and approved to waive the reading of the minutes from last month. The following committees reported.

TREASURER - Mike (K2BN) reported we received a little over \$400 for the month, a little bit better than budgeted, and spent \$183, with a net change in funds of \$261. This puts us a little ahead of the budget.

EMERGENCY COORDINATION Gene (N3XKE) reported that last month he and Russ attended a meeting with the city. The Director of Emergency Operations will be sending-out a letter about helping-out with RACES to all the department heads and city employees who have amateur radio licenses. A letter will be sent-out later to inform us of any help they may need getting started.

FIELD DAY - Dick (W3RM) reported that an organizing meeting was held on May 10th. We are planning again to use the 6A category. That would be six transmitters, running simultaneously, on 80-meters, 40-meters, 20-meters, 15-meters, 10-meters, and a UHF/VHF station. We still need an all-mode UHF/VHF radio for 2 and 6-meter side band. In this issue, see the schedule of time versus band.

The plan is to have 4-hour segments. Setup will start at 10 am on Saturday morning. The contest starts at 2 pm Saturday, and goes through 2 pm Sunday afternoon. This year we would like to avoid the problem of everything shutting down at

MAY GENERAL MEETING

midnight because everyone is tired. We would like to run all 6 stations for the entire 24-hour period. Hopefully you can devote a few hours of your time to help out. Again, Field Day will be held the last weekend of June, the 28th and 29th. The location will be the Fort Washington State Park in Fort Washington, Pa. Contact Dick (W3RM), Chris (N3IEI), or Rick (N3DHI) if you are able to help.

MEMBERSHIP - Stefanie (N3XKW) reported 20 applications to date, with 19 members and 1 pending member. Welcome to our newest members voted-in at the last Directors' Meeting: Janine Johnson (KB3AXQ), Monica Johnson (KA3OCI), Dave Stafford (KE3LK), John Paulson (N3VIF), Holly Paulson (KA3MSJ), and Robert Meyhoefer (N3YRA).

NET CONTROL - Ed (KB3IV) reported that we have five nets every week for everyone to check into. On Sunday mornings the 2-Meter Net at 9:30 am, the 10-on-10 Net at 10 am, and at 10:20 am the 75-Meter Net. On Tuesday evenings at 8 pm we have the CW Practice Net, and on Thursday evenings at 8 pm, our newest net, the Youth Net. Everything is fine on Sunday mornings, but the CW Net needs your help, both with running the net and participation. Check-in, even if you're not copying, just to let the operators know you are there. The last CW Net, before the summer break, will be the last Tuesday in May. Also, help the Youth Net by checking-in, and showing your support. You don't need to be young, just young at heart. You may have noticed that the W3AA

for a couple of months. QSL to his home call.

By the time you read this, some of the BEST DXing will have gone on in person at the Dayton Hamvention. Not only are many of the famous DXers in attendance from all over the globe, but many of the DX clubs have hospitality suites each and every night there at the big hotel (formerly Stouffers) in downtown Dayton. Although I visit all the suites and "schmooze," the biggest one, where everyone finally meets, is the suite that my other club—The Frankford Radio Club—sponsors. ☺

Continued from page 8

YOUTH - Stefanie (N3XKW) reported that the committee's web site is up and running. Please check-into the Youth Net, and show your support. You don't need to be young, just young at heart. ☺

Blurb - Jack (W3IIM) reported that the club's newsletter was under budget so far for the year.

SOCIAL EVENTS - Russ (W3CH) reported that plans are to hold a picnic during the summer. It will be funded from the sale of raffle tickets. Details on the picnic will be upcoming.

OLD BUSINESS - Russ (W3CH) thanked all those who signed-up to help with the Presidential Summit Parade, even though our help was not needed.

With no more business to discuss, the meeting was closed at 8:27 ½ pm by Russ (W3CH), who turned-over the meeting to Bill (W3GQD), who introduced Bob Thomas (W3NE), former Director of Technology for the ABC television network, who brought us all up to date on Digital Television.

See you all at the next General Meeting. ☺



ZIP Code. For more information, e-mail wm7d@wm7d.net. ☺

ARRL PUBLICATIONS OFFERS EXTENDED HOURS, NEW ITEMS!

To better serve its members and customers, the ARRL publications order desk has extended its hours! Now, you can reach an ARRL customer service assistant from 8 AM to 9 PM Eastern Time, Monday through Friday, tel 888-277-5289 (US only). Its friendly staff will be available to help you place your order, renew your membership, or find an ARRL dealer in your area. For all other League activities, please contact the appropriate department or call 860-594-0200, Monday through Friday, 8 AM to 5 PM.

ARRL publications may also be purchased online at: <http://www.arrl.org/catalog/>

Radio merit badge book depleted

This might be a good sign. Maria Dahl of the electronic publishing division of the national office of the Boy Scouts of America reports that BSA HQ has run out of the Radio merit badge book. "Three thousand is considered to be a year's supply, and we have depleted the supply before year's end," she said. This is good news to hams who know the importance of capturing the interest of young people and getting them excited about our great hobby.—Rosalie White, WA1STO

Pennsylvania Amateur Radio Awareness Month

By a unanimous vote, the General Assembly in Pennsylvania has declared the month of June 1997 as Amateur Radio Awareness Month. The resolution, approved April 15, cites the contributions of ham radio, including its "significant services to the citizens

of this Commonwealth during natural disasters."—Earl J. Foster, W3BKF ☺

DX Report

Joe Pearlstein, NU3Y

3C0 - ANNOBON

The Union de Radioaficionados Espanoles, URE, will be on the air from Annobon Island (AF-039) with 10 EA's, DJ9ZB, OH0XX, OH1RY, and W9EVI as operators with three stations around the clock from May 20-27. Call sign not known at this time. Budget for this op is \$45K and donations are being solicited. QSL via EA4URE.

7O - YEMEN

Zoli, HA5PP (ex EW8DX, XW8DX), is going to Aden for one year in May and will try hard to get a valid license from the PTT in Sanaa. He hopes to be on the air by the end of June. From Aden he plans to make some side trips to E3, T5, J2, ST, and ST0.

CY9 - ST. PAUL

Look for this operation to be active from June 26 - July 3. They will be active on 160 thru 10 meters SSB/CW (on the usual DX freq's), 6 meters (50.101Mhz-also with a breakable QSK beacon parked there), 2 meters (144.200+/-NA /144.300EU, 4 meters (70.185Mhz) for 6 meter cross-band Q's. No RTTY, packet, amtor, eme, sstv, or other digital mode Q's.

SV5 - RHODES

Look for this operation from June 3 - 17. The team members are HA0HW Laci, HA4GDO Tomi, HA6NL Laci, HA6PS Zsolt, HA6ZV Tibi. They will be using their own calls with the SV5/ prefix. All HF bands, 16- thru 10 meters, SSB/CW/RTTY. They will also try to have Q's on RS-10 12, RS-15.

YI - IRAQ

HA7VK (ex XU7VK), Sanyi will be on starting May 12 as YI9VK. He will be there

145TH MONTHLY VE SESSION STATISTICS MAY

21 candidates took 40 elements
5 new amateurs plus 5 upgrades

VE team members:

Dusty Rhoads, ND3Q, Chairman

Steve Hoch, WU3I; Thom Scott, KF4I; Jim McCloskey, KE3OP;

Jeff Kerber, KE3UV; Joe Pearlstein NU3Y

AMATEUR LICENSE EXAMS HELD ON THE FIRST
NON-HOLIDAY THURSDAY OF EVERY MONTH
Registration begins at 6:00 PM

Doors close at 6:30 PM sharp

THE FRANKLIN INSTITUTE
SCIENCE MUSEUM

For Information Call ND3Q at
(215) 448-1139 or 879-0505

Accessible by the handicapped.



net has all but gone by the wayside, due to lack of participation. Your support is needed to keep these nets alive.

PROGRAM - Bill (W3GQD) reported that programs have been scheduled for all but one meeting. Thanks to all who have given suggestions and input.

REPEATER - Rick (N3DHI) reported that the Center City input is still out of service. The Lansdale input is having some technical difficulties (which a few free meals should solve). Also, as you listen to our repeater you will find that we experience a great deal of interference, either man-made or otherwise. We would like to solicit your help in solving these problems. The problems referred to are deliberate and willful interference on existing conversations. Your help is needed in

monitoring these situations, listening on the input, both UHF and VHF, and forwarding the information to one of the control operators either by phone, packet or e-mail. The official control operators are W3BBB, N3DHI, W3RM, and KB3IV. Please help us solve the problem.

SPECIAL EVENTS - Charlie (AA3EP) reported that the MS150 City to Shore Bikeathon will be held on September 27th and 28th. Application are available. Contact Charlie if you're interested in helping out. Bill (N3FVI) reported that the CoreStates Bike Race will be held on June 15th, from 9 am until 3 pm. Contact Bill if you're interested in helping. Steve (WU3I) reported that nothing has been heard from the Boy Scouts about Paddlerama.

SUNSHINE - Steve (WU3I) reported

that he had no reports of anyone being ill. If you know of a member, or family member, who is ill and in need of some sunshine, please contact Steve.

VE - Steve (WU3I) reported that 17 people attended the last testing session, with the usual 50% passing rate.

W3AA - Steve (WU3I) reported that a new voice-mail system is in operation at

The Franklin Institute. Instruction are posted at the station for the operators of the station. Also, the 6-meter vertical is in operation on the TS-570S, now that we have the instruction book on how to tune the antenna.

WELCOME - Mike (N3PDO) Reported that 30 members and 9 visitors were at the meeting.

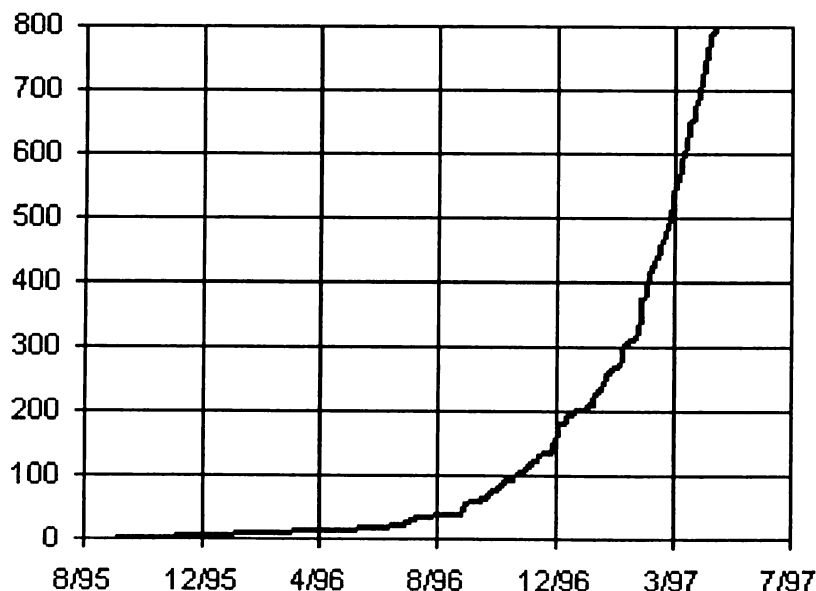
Continued on page 19

Computer Virus Information

<http://www.Europe.DataFellows.com/vir-info>

Welcome to the **F-PROT Professional** computer virus information service. Now in it's fourth year, this site was the *first anti-virus web site ever* - and now it is considered as the industry standard source for a up-to-date information on new viruses and hoax alerts. Bookmark now.

- Hoax warnings on the run. A comprehensive list of Virus Hoaxes, false alerts and related things (such as **AOL4FREE**).
- New Word Macro virus spreads automatically via Microsoft Mail attachments. Read the full description, and download the free F-MACRO application from our Gallery, which will detect and disinfect it.
- There are now more than 800 different Word macro viruses.



whether the current proposal will be enough to do the job.

Association of Online Professionals
6096 Franconia Rd., Suite D
Alexandria, VA 22310
Voice 703-924-5800
Fax 703-924-5801
<http://www.aop.org>

A summary of the FCC decision follows.

FCC Approves Higher Fees For Multi-Line Homes and Businesses

The Federal Communications Commission today announced that ISPs and information services will continue to be exempted from access fees, preventing a devastating per-minute charge on enhanced service providers.

Continued on page 20.

ARRL Bulletin 26 From ARRL Headquarters
Newington CT May 22, 1997
To all radio amateurs
ARRL comments on petition

The ARRL will file comments in response to an FCC Petition for Rulemaking from Checkpoint Systems Inc—a manufacturer of Electronic Article Surveillance (EAS) systems that use frequencies in the 1.7 to 10-MHz range. EAS systems are used to deter theft in retail stores and other locations. Checkpoint has asked the FCC to change its Part 15 rules to expand the frequency range and power level of EAS systems. Checkpoint wants the Commission to permit EAS operations in the 1.705 to 30-MHz band at a maximum radiated emission level of 1000 uV per meter (measured at a distance of 30 meters) and a maximum conducted emission level of 3000 uV. Current rules permit a maximum radiated emission level of 30 uV per meter (measured at a distance of 30 meters) between 1.705 and

30 MHz, or 100 uV per meter between 1.705 and 10 MHz. The current conducted emission limit for such devices operating between 1.705 and 10 MHz is 250 uV.

Checkpoint says its EAS system can detect tags concealed within or attached to protected articles by using an RF sweep over the frequency range of operation. Typically, systems are set up so that customers can only exit via an EAS-equipped gate. Checkpoint's EAS equipment currently operates within the 1.705 to 10 MHz band and is regulated as an unlicensed intentional radiator under Subpart C of Part 15. Under Part 15 rules, such devices may operate without restrictions on bandwidth, duty cycle, modulation technique or application, but must comply with specified radiation and emission limits and protect licensed services from harmful interference. Checkpoint says it needs the higher power levels to overcome "increasing levels of ambient RF noise in commercial establishments." The expanded frequency range, the company says, will allow for greater flexibility in deploying EAS systems and reduce the potential for false alarms.

The company already holds an experimental authorization to operate EAS equipment within the 7.4 to 9 MHz and 8.2 to 10-MHz bands at up to 1000 uV per meter and says it has received no complaints of interference.

Checkpoint's Petition for Rulemaking was received by the FCC on April 28, 1997.

Mark Downing, WM7D, reports his call sign database now is available at <http://www.wm7d.net/fcc/callsign.html>. The database now includes Canadian call sign information from Industry Canada. WM7D recently added search capability for US amateurs by name, city, state, and/or

FCC Universal Service Plan Damaging To ISPs

The following was a legislative alert from the Association of Online Professionals, the primary professional association of Internet Service Providers and other professionals who manage online services.

Subsequently the FCC passed a substantial portion of the proposal. Details follow this article—ed.

On May 8, 1997, the Federal Communications Commission will vote on a proposal regarding “universal service.” Universal Service is the program that subsidizes low-cost communication services for organizations and entities who might otherwise not be able to afford access to these services.

If adopted, this proposal will cost consumers and businesses an estimated \$3 billion per year, and most of the financial burden will be borne by ISPs, online services and their customers. The Association of Online Professionals, on behalf of its members, urges you to contact the FCC and ask them to reject this proposal.

A provision of the Telecommunications Act of 1996 (sponsored by Senators Olympia Snowe, Jay Rockefeller, James Exon, and Bob Kerrey) specifies that, upon request, individual telecommunications carriers must provide service to schools and libraries at “affordable” rates.

The FCC plans to fund the \$2.25 billion cost of this lower-cost school service each year by increasing telephone line fees for consumers and businesses that have more than one telephone line. The additional cost is estimated to be from \$4 to \$6 per line per month for businesses, and at least \$3.50 per line for consumers who have more than one telephone line to their homes. Details of the program are at <http://www.fcc.gov/ccb/>

universal_service/fcc97157/97157.html.

For consumers, this will be a disincentive to add lines for fax or modem usage, and has been labeled by some consumer groups as a “modem tax.”

The widest range of business users who have more than one telephone line will benefit from other reductions in long-distance charges that will offset the increases. This will not be the case for Internet Service Providers and online services, which have business lines used only for incoming dial-up access by their subscribers. ISPs and online services will therefore bear the brunt of the economic burden for this program.

Under the proposed program, Internet Service providers would be required to provide connectivity to schools, libraries and health care facilities at discounts of 20% to 90% off of normal rates. This discounted amount would then be reimbursed to the ISP through the Universal Service program.

The proposal has gone through a lengthy process of recommendation and comment, and is in its final stage. It requires only the vote of the FCC on May 8 to begin implementation.

AOP opposes the proposed plan for three reasons:

1) The FCC will implement a sweeping new tax before studying the alternatives (e.g., Net Day, access through existing state Internet networks).

2) The tax is structured to specifically punish Internet and online services and their subscribers. If the tax is necessary, it should be applied to all consumers and all businesses.

3) There has been insufficient study of the subject. There is little or no data to support the need for the tax, or to indicate

THE W 3 A A REPORT

The International Voice of The Franklin Institute Science Museum

There was an article in the latest (June) QST on 6-Meters. Please spend some time reading it. It contains some good info to know to play with our new toy.

To go to a different subject for a minute, CALL N3IEI OR W3RM TODAY FOR FIELD DAY!!! There have not been many calls to volunteer for even parts of the 24-hours. I am operating 20M, and will have my station on for the full 24 hours. I am bringing my camping trailer, and will have full cooking facilities, and refrigeration—up to a point (bring a cooler for your beverages). I also have a gas grill aboard so we can grill too. During the past few years I have been at Paddlerama, and last year told the Scouts that I was going to FIELD DAY this year, barring nothing. So pick up that phone and call Chris or Dick and stop-in to have some fun with us at Fort Washington State Park.

Effective June 8, for the summer months I will not be making regular appearances at W3AA because of a work schedule change. I will come down as often as possible, and will probably make surprise visits on the weekends now and again. I now have the weekends off, finally... after 10 years. If there are any problems or questions please feel free to call me at home or on the radio.

—Steve Hoch WU3I

Internet: <http://www.fi.edu/tfi/exhibits/w3aa.html>

Congratulations Russ!



PHILADELPHIA 76ERS

1 CORESTATES COMPLEX
PHILADELPHIA, PA 19148-5290
215.339.7600 • fx 215.339.7618

March 31, 1997

Mr. Russ Stafford
H.D.J. Securities
Box 1041
Linwood, PA 19061

Dear Mr. Stafford:

We are pleased to inform you that you have been nominated as an Honoree for the National Multiple Sclerosis Society's Leadership Class of '97 by one of our distinguished Advisory Committee members. You have been selected based on your accomplishments and for your outstanding contributions to the business, civic and cultural betterment of our community. My sincere congratulations on this recognition.

If you accept this invitation you will be part of a select group of professionals to be honored at a reception at the Pyramid Club (date and time to be announced). It will be my privilege to present each member of the *Class of '97* with the Leadership Award, one of the highest honors bestowed by the National Multiple Sclerosis Society.

We would like to challenge you, as a member of the *Class of '97*, to join in the fight against MS by raising, through pledges, a minimum of \$1,000. Your participation in the *Class of '97* will not only heighten awareness of multiple sclerosis in the Delaware Valley, but will provide much needed funds to support both services for people with MS and vital medical research to find the cause, cure and prevention of this mysterious disease

A member of the Society's staff will call you to discuss the details of this honor and the reception as well as answer any questions you may have. I look forward to hearing of your participation and that you will help us achieve our mission: to end the devastating effects of MS.

Sincerely Yours,

Pat Croce
President, Philadelphia 76ers
Honorary Chair, Leadership Class of '97

MORE GOODIES

Item	Price	Description
1	\$575	TELREX, Model 5EBM five-element TRI-BAND BEAM, brand new, still in original carton.
2	100	CDR HAM II ROTATATOR SYSTEM, Control box, cables, parts and manual - in good condition. Sale only with Item 1.
3	650	PACKAGE DEAL - ITEMS 1 and 2.
4	425	HEATHKIT, Model SB-200 LINEAR AMPLIFIER, 80 to 10 meters, with Icom/Kenwood relay, new 572B spare finals and manual. In excellent condition.
5	75	HEATHKIT, Model SB-610 MONITORSCOPE and manual. Mint condition.
6	465	PACKAGE DEAL - ITEMS 4 and 5.
7	250	ROBOT, Model 800L TERMINAL for RTTY/Baudot, Morse, ASCII send & receive, SSTV char. gen., manual. Mint condition.
8	70	NEC Model JBI260M 12" green monitor for RTTY, etc., manual, ivory case. Like new.
9	290	PACKAGE DEAL - ITEMS 7 and 8.
10	25	HY-GAIN Model 2TDQ traps for 40/80 meter 1/2 wave doublet antenna 95' maximum length for CW, 85' for phone.
11	95	HEATHKIT Model HD-1481 REMOTE COAX SWITCH, manual.
12	15	SEARS 500 ohm Dynamic Microphone/coiled cord, 4 pin jack.
13	9	SPEED-X standard morse key.
14	9	Brass Morse code KEY with switch.
15	29	ELECTROVOICE Model 606 noise-cancelling MICROPHONE with Model 428 TOUCH-to-talk (and lock) stand.
16	39	HEATHKIT Model HD-1234 COAXIAL SWITCH, 5 positions, common to four antennas plus ground.
17	225	ROBOT, Model 400 Slowscan/Fastscan SSTV CONVERTOR with manual, cables and 110 Vac B&W camera, lens and ROBOT video modulator (Chan 3-4) for standard B&W TV
18	225	ROBOT, Model 400 Slowscan/Fastscan SSTV CONVERTOR with manual, cables and 110 Vac B&W camera, lens and a MOTOROLA 9" green monitor (12 V/8 Adc), homebrew case.
19	400	PACKAGE DEAL - ITEMS 17 and 18.
20	9	HEATHKIT, Model HD-1234 COAXIAL SWITCH, 5 positions, common to four antennas plus ground.
21	9	WATERS, Model 375 "PROTAX" COAXIAL SWITCH, 6 positions, common to six antennas, unselected positions grounded.
22	15	MAGAZINES: "OST" - 1989-90 and "73 AMATEUR RADIO TODAY" - 1989-95, or \$2 per year- (less \$0.20/missing month) or will swap for loan of 1991-1996 QST.

TO PURCHASE ANY OF THE ABOVE ITEMS, CONTACT K3MGO, W. Frank Esseluhn, (in Reading Pa) at 610-374-9342 (Weekend AMs). All sales are CASH or CASHIER'S CHECK - pick-up only - negotiations only on larger package deals; ie, combining packages or adding thereto.

GOODIES

Editor's note: I'm not responsible for errors; I do the best I can with what I'm given! All submissions for publication should be sent via electronic media, and both upper and lower case characters should be used. I reserve the right NOT to publish a submission if the data requires a lot retyping. Thanks for your cooperation.

Wyse computer IBM compatible 286 desktop w/IBM color monitor, extra keyboard, 2 floppy drives, packet program	\$100
AEA PK-96 controller w/manual, adapter plug, new cond.	150
Yeadu FT-727R dual band ht., PL board, wall chgr, 2mtr ant, 3 battery pks, fair cond	110
Motorola Minitor pager on 147.03 w/monitor/drop in chgr.	90
Kenwood TH-77 dual band ht w/wall chgr, pl board & 1000ma batt, extra alkaline pack, soft leather case	275
Kenwood BC-11 rapid charger	60
Kenwood HME-2 vox headset	30
Power supply Pyramid Gold series PS-14K, 13.8v @12amp regulated, w/14amp surge, new cond	45
SWR/power meter Kenwood SW-100-B	40
Decibel uhf 6-element yagi, commercial qty antenna w mtg bkt	75
Kenwood TH-741 mobile triband radio 2m/220/440 w/pl board, needs repair	475
Motorola mobile speaker w/mtg bkt	10
Icom IC3SAT 220 ht w/BC-74 wall charger, 5/8 gain ant, CP-12 mobile lighter adapter, UT-49 DTMF decode, UT-50 tone decoder, HM-54 spkr mike, PB-90 alkaline batt pack, MB-30 mobil mtg bkt, OPC-254 DC cable & service manual	275
(for all, or will separate)	

N3GEN 610-825-7177

For the benefit of your club

3½" 1.4 mb computer diskettes. These are top-grade surplus diskettes which need only to be formatted and relabeled. Minimum quantity 100 wrapped in plastic, for \$10. Buy a case of 500 for only \$40. That's only 8¢ each!

Proceeds go to the general treasury to help defray the cost of the upcoming picnic, to help with the expenses of the planned repeater relocation, and to continue to maintain in first-class condition W3AA, our demonstration station in The Franklin Institute Science Museum.

Contact Gene, N3XKE at 215-482-2456 Make checks to PMRC.

Attention Field Day People!

Once again it is time to think about Field Day, on June 28 and 29, at the Fort Washington State Park. If you would like to participate in this event, we need people to set-up, operate, and take-down the operation. It is a chance to test your ability to operate under field conditions, and put together a station in the event of an emergency. This means being prepared to move equipment from a home station to a field location on short notice.

What to bring will be detailed later in this article. Recently, N3IEI, W3RM (co-chairpersons) and I sat down to develop a plan for this year's operation. A site layout has been determined, along with the people who are responsible for each band, but we need help to support them with a communicator and logger (laptop computer) on each band. For best results, it is important to maintain a full 24-hour schedule on either PHONE or CW.

We will begin to set-up at 10 am, and be ready to GO ON THE AIR at 2 p.m. EDT. Our operating bands, and band captains, will be: 75 meters (W3CH), 40 meters (W3RM), 20 meters (WU3I), 15 meters (WA3NSP), 10 meters (N3DHI) and 6 and 2-meter SSB station with packet. Participants are asked to work a 4-hour shift anytime during the 24-hour operating period. If you would like to do more than just a single 4-hour shift, that is terrific! Please let N3IEI know before June 21, so he can plan to have all bands and times covered.

In previous years we had limited coverage between midnight and 8 am on Sunday. The State Park will not allow any alcoholic beverages on the premises, but does have a restroom facility. If you need food to support your habit, then plan on bringing some with you. Charcoal grill stations are available. Talk-in will be on 147.03 repeater at all times, and if you choose to take the late shift, we can arrange to let you in the gate, after dark, by calling the field day site on the repeater.

Here is a reminder on what to bring for Field Day. If it is applicable, then bring it. GOOD LUCK IN THE CONTEST, and thank you for your help.


rain coat & hat	12-volt power supply	power cords/power strips
gloves	headphones	ground fault protector
food	tape recorder	chair/table
clothes	paper/pencil	ground rod/ground wire
toilet articles	coax cables	H.F. radio with mike & key
water/ice	various lengths of rope	H.F. antenna/mast
sleeping bag/air mattress	compass	radio band plan
tent	wattmeter	bug repellent
cooking equipment	hammer/saw/stakes	citronella candle & matches
flashlight/batteries	2-meter hand held radio	portable lighting

THE COMMITTEE: Chris, Dick, Rick

1997

JUNE

1997

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
1 2M NCS N3FTY 10M NCS W3HFX 75M NCS W3PWG <i>Hurricane Season Begins</i>	2	3 CODE PRACTICE On Summer Vacation Returns Sept. 16 <i>Jefferson Davis 1808</i>	4 DIRECTORS' MEETING at AA3EP's	5 ● LICENSE EXAMS at The Franklin Institute Registration begins at 6:00 Doors close at 6:30 p.m. sharp YOUTH NET @ 8 PM	6	7
8 2M NCS WA3NSP 10M NCS W3HFX 75M NCS W3STW	9	10	11 GENERAL MEETING at The Franklin Institute Refreshments at 7:00 p.m. Meeting starts at 7:30.	12 YOUTH NET at 8 PM <i>George Bush 1924</i>	13 <i>Triskaidekaphobia Day</i>	14  <i>Flag Day</i>
15 2M NCS N3OWM 10M NCS W3HFX 75M NCS N3JDM <i>Father's Day CoreStates Bike Race</i>	16	17	18	19 YOUTH NET at 8 PM	20 ○	21 <i>Summer Solstice 4:20 am</i>
22 2M NCS W3STW 10M NCS W3HFX 75M NCS KB3IV	23	24	25	26 YOUTH NET at 8 PM	27	28
29 2M NCS W3BBB 10M NCS W3HFX 75M NCS W3BBB	30			Don't talk about yourself, it will be done when you leave.		